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TRANSMI FORM	TTAL <b>1</b> Ience after initial filing)	Application Number Filing Date First Named Inventor Art Unit Examiner Name Attorney Docket Number	10/600,975 June 20, 2003 Michael E. Shanahan 2681 Not Yet Assigned		
Total Number of Pages in This	······································		MES/002CON		
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	SIGNATURE C s of Scott H. Kaliko, L.L.C aliko, Esq. Reg No. 45,78		EY, OR AGENT		
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Coi	mplete if Known
Application Number	10/600,975
Filing Date	June 20, 2003
First Named Inventor	Michael E. Shana HAN
Art Unit	à681
Examiner Name	
Attorney Docket Number	MES/OOD CON

				DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, When Relevant Passages or Relevan Figures Appear
	<del> </del>	Number-Kind Code <sup>2 (if known)</sup>	00 17 1000		rigures Appear
		<sup>US-</sup> 5,220,420	06-15-1993	Hoarty, et al.	
		<sup>US-</sup> 5,247,347	09-21-1993	Litter, et al.	
•		<sup>US-</sup> 5,253,275	10-12-1993	Yurt, et al.	
		<sup>US-</sup> 5,262,275	11-16-1993	Mincer, et al.	
		<sup>US-</sup> 5,341,474	08-23-1994	Gelman, et al	
		<sup>US-</sup> 5,428,606	06-27-1995	Moskowitz	
		<sup>US-</sup> 5,440,336	08-08-1995	Buhro, et al.	
		US- 5,442,749	08-15-1995	Northcutt, et al.	
		<sup>US-</sup> 5,508,733	04-16-1996	Kassatly	
		<sup>US-</sup> 5,524,141	06-04-1996	Braun, et al.	
		<sup>US-</sup> 5,528,281	06-18-1996	Grady, et al.	
		<sup>US-</sup> 5,541,917	06-30-1996	Farris	
		<sup>US-</sup> 5,550,557	08-27-1996	Verbiest, et al.	
		<sup>US-</sup> 5,550,578	08-27-1996	Hoarty, et al.	
		<sup>US-</sup> 5,550,863	08-27-1996	Yurt, et al.	
		<sup>US-</sup> 5,553,311	09-03-1996	McLaughlin, et al.	
		<sup>US-</sup> 5,557,675	09-17-1996	Schupak	
		<sup>US-</sup> 5,561,688	10-01-1996	Jones, Jr.	
		<sup>US-</sup> 5,563,649	10-08-1996	Gould, et al.	

		FOREI	GN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	<b>⊤</b> 6
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	IVIIVI-DU-TTTT		Or Relevant Figures Appear	'
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Signature	i .		Considered	
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Application Number	10/600, 975				
Filing Date	June 20, 2003				
First Named Inventor	Michael E. ShanaHAN				
Art Unit	2681				
Examiner Name					
Attorney Docket Number	44.50 ( ) 01				

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
	<b>-</b>	US- 5,566,353	10-15-1996	Cho, et al.	· ·garee / ppea
		3,300,333			
		<sup>US-</sup> 5,568,181	10-22-1996	Greenwood, et al.	
		US- 5,570,126	10-29-1996	Blahut, et al.	
	<u> </u>	<sup>US-</sup> 5,613,190	03-18-1997	Hylton, et al.	
		<sup>US-</sup> 5,613,191	03-18-1997	Hylton, et al.	
		<sup>US-</sup> 5,619,247	04-08-1997	Russo	
		<sup>US-</sup> 5,625,404	04-29-1997	Grady, et al.	
		<sup>US-</sup> 5,625,405	04-29-1997	DuLac, et al.	
		<sup>US-</sup> 5,644,354	07-01-1997	Thompson, et al.	
		<sup>US-</sup> 5,675,738	10-07-1997	Suzuki, et al.	
		<sup>US-</sup> 5,677,905	10-14-1997	Bigham, et al.	
		<sup>US-</sup> 5,680,325	10-21-1997	Rohner	
		<sup>US-</sup> 5,790,423	08-04-1998	Lau, et al.	
·		<sup>US-</sup> 5,793,413	08-11-1998	Hylton, et al.	
		<sup>US-</sup> 5,793,980	08-11-1998	Glaser, et al.	
		<sup>US-</sup> 5,880,770	03-09-1999	Ilcisin, et al.	
		<sup>US-</sup> 5,926,624	07-20-1999	Katz, et al.	
		<sup>US-</sup> 5,943,046	08-24-1999	Cave, et al.	
		<sup>US-</sup> 5,983,069	11-09-1999	Cho, et al.	

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	· Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages			
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T <sup>6</sup>		
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Signature	Considered	

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of

Complete if Known			
Application Number	10/600,975		
Filing Date	JUNE 20, 2003		
First Named Inventor	Michael E. ShanaHAN		
Art Unit	2621		
Examiner Name			
Attorney Docket Number	MCC (no.) (do)		

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	<del>                                     </del>	US- 5,986,690	11-161999	Hendricks	
	-	115			
	<u> </u>	<sup>US-</sup> 6,002,720	12-14-1999	Yurt, et al.	
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Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
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